



Product Evaluation

DR871 | 0118

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: DR-871

Effective Date: January 1, 2018

Re-evaluation Date: January 2022

Product Name: Clad Ultimate Wood Sliding Patio Doors, Non-impact Resistant

Manufacturer: Marvin Windows and Doors
P.O. Box 100
Highway 11 West
(218) 386-4021

General Description:

System	Description	Label Rating	Design Pressure
1	Clad Ultimate Sliding Patio Door; LPS; XO	LC-PG30 72.63 x 107.5	+30 / -30 psf
2	Clad Ultimate Sliding Patio Doors; XO	LC-PG30 72.63 x 107.5	+30 / -30 psf

Component Dimensions:

System	Overall Door Size	Active Panel Size	Stationary Panel Size
1	72-5/8" x 107-1/2"	36-7/16" x 105-1/2"	36-7/16" x 104-1/2"
2	72-5/8" x 107-1/2"	36-7/16" x 105-1/2"	36-7/16" x 104-1/2"

Product Identification (Certification Agency Label on Door):

System		
1	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Marvin Windows & Doors
	Product Name	Clad Sliding Patio Door LPS
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA/WDMA/CSA 101/I.S.2/A440-11

Product Identification (Certification Agency Label on Door) - continued:

System		
2	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Marvin Windows & Doors
	Product Name	Clad Sliding Patio Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA/WDMA/CSA 101/I.S.2/A440-11

Impact Resistance:

System	Impact Resistant	Requirement
1, 2	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Acceptance of Smaller Assemblies: Door assemblies with dimensions equal to or smaller than those specified are acceptable within the limitations specified in this report.

Installation (One of the following):

System		
1, 2	Type of Installation	Frame Installation
	Wall Framing	Southern Yellow Pine
	Fasteners	No. 8 x 3" screws
	Fastener Location/Spacing	Side Jambs and Head: Approximately 6" from each corner and 12" on center Sill (System 2 only): Located at the center of each panel and at the meeting stile
	Fastener Penetration	Minimum 1-1/2" into the wall framing
1, 2	Type of Installation	Frame Installation
	Wall Framing	Southern Yellow Pine
	Fasteners	Structural Brackets: (0.050" x 1.56" x 5.151") galvanized steel; Secured to the frame with two No. 8 x 5/8" screws; Secured to the wall framing with two No. 7 x 2-1/4 screws at the exterior and two No. 8 x 1-1/2 screws at the interior Fasteners (System 2 only): No. 8 screws
	Fastener Location/Spacing	Structural Brackets: Approximately 6" from each corner and 12" on center along the side jambs and the head Sill (System 2 only): Located at the center of each panel and at the meeting stile
	Fastener Penetration	Minimum 1-1/2" into the wall framing

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.